

PATENT APPLICATION  
Docket: 15436.99.1

Art Unit  
2874

**Species III:** optical circulator as shown in Fig. 5a, 5b (having beam splitters);

Species IV: optical circulator as shown in Fig. 6a, 6b (having wave plates instead of garnet);

Species V: optical circulator as shown in Fig. 7a, 7b (having oblique mirror);

Species VI: optical circulator as shown in Fig. 8a-8c (having beam displacer); and

Species VII: optical circulator as shown in Fig. 9a, 9b (having multiple beam displacers).

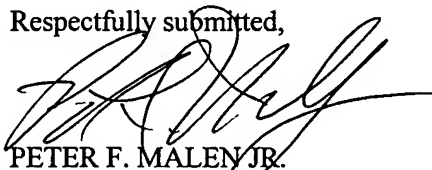
In response to the Election of Species Requirement set forth in the Office Action, Applicant hereby elects Species I (optical circulator as shown in Fig. 3) for examination, without traverse. Claim 1 is believed to be generic. In addition to claim 1, claims 2-7 are readable on the Species I.

Applicant's election herein is made without prejudice. As noted by the Examiner, upon the allowance of a generic claim, Applicants will be entitled to consideration of claims to additional species that are written in dependent form or otherwise include all the limitations of an allowed generic claim as provided by 37 C.F.R. § 1.141.

An action on the merits of all the claims and a Notice of Allowance thereof are respectfully requested. In the event that the Examiner wishes to discuss any of the matters contemplated hereby, the Examiner is invited to initiate a telephone conversation with the undersigned.

DATED this 14<sup>th</sup> day of April, 2005

Respectfully submitted,



PETER F. MALEN JR.  
Attorney for Applicant  
Registration No. 45,576  
Customer No.: 022913  
Telephone No.: 801-533-9800

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**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**Applicant(s): **Huang, et al.**

Docket No.

15436.99.1

Serial No.

10/623,827

Filing Date

July 21, 2003

Examiner

Sung H. Pak

Group Art Unit

2874

Invention: **OPTICAL CIRCULATOR FOR BI-DIRECTIONAL COMMUNICATION**



I hereby certify that the following correspondence:

**Response to Election of Species Requirement (2 pgs); Transmittal Letter (1 pg in duplicate); Certificate of Mailing by "Express Mail" and Postcard***(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

April 14, 2005  
(Date)

**Gina Meredith***(Typed or Printed Name of Person Mailing Correspondence)**(Signature of Person Mailing Correspondence)***EV 660686415 US***("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**

<b>AMENDMENT TRANSMITTAL LETTER (Large Entity)</b>				Docket No. 15436.99.1	
Applicant(s): Huang, et al.					
Application No. 10/623,827	Filing Date July 21, 2003	Examiner Sung H. Pak	Customer No. 022913	Group Art Unit 2874	Confirmation No. 5769
Invention: <b>OPTICAL CIRCULATOR FOR BI-DIRECTIONAL COMMUNICATION</b>					
<b>COMMISSIONER FOR PATENTS:</b> 					
Transmitted herewith is an amendment in the above-identified application.					
The fee has been calculated and is transmitted as shown below.					
<b>CLAIMS AS AMENDED</b>					
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	7 -	28 =	0	x \$50.00	\$0.00
INDEP. CLAIMS	1 -	2 =	0	x \$200.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b>					<b>\$0.00</b>
<input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 21-3178 <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input type="checkbox"/> Any patent application processing fees under 37 CFR 1.17. <input type="checkbox"/> Payment by credit card. Form PTO-2038.					
<b>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</b>					
 _____ <i>Signature</i>			Dated: April <u>14</u> , 2005		
<b>Peter F. Malen, Jr.</b> <b>Attorney for Applicant</b> <b>Reg. No. 45,576</b> <b>Telephone No. 801-533-9800</b>			I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____ _____ (Date) _____ Signature of Person Mailing Correspondence _____ Typed or Printed Name of Person Mailing Correspondence		
cc:					